**Comp Sci 20 Practice for Quiz – Use the Sandbox**

1. Write a program that prints out all of the powers of 3 less than or equal to 177147. Once you have written your program, rewrite it so that it prints out all of the powers of 3 with 5 added to them. Here is what it should look like below.

1  
3  
9  
27  
81  
243  
729  
2187  
6561  
19683  
59049  
177147  
6  
8  
14  
32  
86  
248  
734  
2192  
6566  
19688  
59054  
177152

1. Write a program that generates and prints 10 random decimal numbers between 1.1 and 9.9. Once these numbers are printed, have the computer ask the user “Are these numbers random?. The user will either be able to respond “yes”, “Yes”, “no”, or “No”. If they respond with a yes, they will be told “That is correct”. If they respond with a no, they will be told “you are a liar”.

2. In the sandbox under the “Graphics” selection, create a drawing that looks as similar to the image below as possible. If you need graph paper, let me know. ****